

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
Synthomer Adhesive Technologies LLC

AUTHORIZING THE OPERATION OF  
Synthomer Adhesive Technologies  
Eastotac C9  
All Other Basic Organic Chemical Manufacturing

LOCATED AT  
Harrison County, Texas  
Latitude 32° 26' 15" Longitude 94° 41' 37"  
Regulated Entity Number: RN111518981

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No:           O1972           Issuance Date:           March 20, 2019          

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For the Commission

## Table of Contents

Section	Page
General Terms and Conditions .....	1
Special Terms and Conditions: .....	1
Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting.....	1
New Source Review Authorization Requirements .....	8
Compliance Requirements.....	9
Risk Management Plan .....	10
Permit Location .....	10
Permit Shield (30 TAC § 122.148) .....	10
Attachments .....	11
Applicable Requirements Summary.....	12
Permit Shield.....	29
New Source Review Authorization References .....	43
Appendix A.....	50
Acronym List .....	51

## **General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

## **Special Terms and Conditions:**

### **Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:
  - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
  - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
  - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
  - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
  - E. Emission units subject to 40 CFR Part 63, Subparts FFFF and DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter

113, Subchapter C, §113.890 and §113.1130 which incorporates the 40 CFR Part 63 Subparts by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
  - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
  - B. Title 30 TAC § 101.3 (relating to Circumvention)
  - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
  - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
  - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
  - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
  - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
  - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
  - I. Title 30 TAC § 101.222 (relating to Demonstrations)
  - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
  - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
    - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
    - (ii) Title 30 TAC § 111.111(a)(1)(E)
    - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
    - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
  - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
  - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
  - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
  - (2) Records of all observations shall be maintained.
  - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
  - (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
  - (2) Records of all observations shall be maintained.
  - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer

visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
  - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
  - (ii) Sources with an effective stack height ( $h_e$ ) less than the standard effective stack height ( $H_e$ ), must reduce the allowable emission level by multiplying it by  $[h_e/H_e]^2$  as required in 30 TAC § 111.151(b)
  - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:

- A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
- B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)



- C. Title 40 CFR § 61.09 (relating to Notification of Start-up)
  - D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
  - E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
  - F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)
  - G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)
  - H. Title 40 CFR § 61.15 (relating to Modification)
  - I. Title 40 CFR § 61.19 (relating to Circumvention)
5. For facilities where total annual benzene quantity from waste is greater than or equal to 10 megagrams per year and subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.342(c)(1)(i) - (iii) (relating to Standards: General)
  - B. Title 40 CFR § 61.342(e)(1) (relating to Standards: General)
  - C. Title 40 CFR § 61.342(e)(2)(i) - (ii) (relating to Standards: General)
  - D. Title 40 CFR § 61.342(g) (relating to Standards: General)
  - E. Title 40 CFR § 61.350(a) and (b) (relating to Standards: Delay of Repair)
  - F. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions)
  - G. Title 40 CFR § 61.355(k)(1) - (6), and (7)(i) - (iv) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures
  - H. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)
  - I. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)
  - J. Title 40 CFR § 61.356(b)(4) (relating to Recordkeeping Requirements)
  - K. Title 40 CFR § 61.356(b)(5) (relating to Recordkeeping Requirements)
  - L. Title 40 CFR § 61.357(a), (d)(1), (d)(2) (d)(6) and (d)(8) (relating to Reporting Requirements)
  - M. Title 40 CFR § 61.357(d)(5) (relating to Reporting Requirements)
  - N. Waste generated by remediation activities at these facilities are subject to the requirements identified under 40 CFR § 61.342 for treatment and management of waste
6. For facilities with containers subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.345(a)(1) - (3), (b), and (c) (relating to Standards: Containers)

- B. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
  - C. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
  - D. Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)
7. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
  8. For miscellaneous chemical process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.2485, Table 7, the permit holder shall comply with the requirements of 40 CFR § 63.105 (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).
  9. For miscellaneous chemical process facilities with Group 2 wastewater streams subject to wastewater operations requirements in 40 CFR Part 63, Subpart FFFF, the permit holder shall comply with the requirements of 40 CFR § 63.132(a), (a)(1), (a)(1)(i), and (a)(3) as specified in § 63.2485(a) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).
  10. For site remediation projects subject to 40 CFR Part 63, Subpart GGGGG that are completed within 30 consecutive calendar days the permit holder shall comply with 40 CFR § 63.7884(b), (b)(1) - (3) (Title 30 TAC, Subchapter C, § 113.1160 incorporated by reference).
  11. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.
  12. The C9 permit area does not operate any flares, thus there are no flares on either the applicable requirements summary nor on the permit shield. Vent streams from this area are sent to flares located in and operated by the U3 permit area. These are flares OL233FL1, OL233FL2, OL170FL1, OL170FL2, and OL116FL2H.

#### **New Source Review Authorization Requirements**

13. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
  - A. Are incorporated by reference into this permit as applicable requirements
  - B. Shall be located with this operating permit
  - C. Are not eligible for a permit shield

14. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
15. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

### **Compliance Requirements**

16. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
17. Use of Discrete Emission Credits to comply with the applicable requirements:
  - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) If applicable, offsets for Title 30 TAC Chapter 116
    - (iv) Temporarily exceed state NSR permit allowables
  - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
    - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
    - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
    - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

### **Risk Management Plan**

18. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

### **Permit Location**

19. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

### **Permit Shield (30 TAC § 122.148)**

20. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## **Attachments**

**Applicable Requirements Summary**

**Permit Shield**

**New Source Review Authorization References**

### **Applicable Requirements Summary**

<b>Unit Summary .....</b>	<b>13</b>
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<b>Applicable Requirements Summary .....</b>	<b>15</b>
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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EB041D10	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0001	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB041D12	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0001	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB041D80	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0001	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB108BH200	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0002	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB108BH4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0002	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB108BH9	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0002	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB108FB602	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0002	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB108FB603	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0002	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB108FG2	FUGITIVE EMISSION UNITS	N/A	63FFFF-0006	40 CFR Part 63, Subpart FFFF	No changing attributes.
EB108H1	PROCESS HEATERS/FURNACES	N/A	63DDDDD-0001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
EB108H2	PROCESS HEATERS/FURNACES	N/A	63DDDDD-0001	40 CFR Part 63, Subpart DDDDD	No changing attributes.
OL014T122	STORAGE TANKS/VESSELS	N/A	63FFFF-0004	40 CFR Part 63, Subpart FFFF	No changing attributes.
OL014T3121	STORAGE TANKS/VESSELS	N/A	63FFFF-0004	40 CFR Part 63, Subpart FFFF	No changing attributes.
OL014T3122	STORAGE TANKS/VESSELS	N/A	63FFFF-0004	40 CFR Part 63, Subpart FFFF	No changing attributes.
OL041FG1	FUGITIVE EMISSION UNITS	N/A	61J-0001	40 CFR Part 61, Subpart J	No changing attributes.
OL041FG1	FUGITIVE EMISSION UNITS	N/A	63FFFF-0006	40 CFR Part 63, Subpart FFFF	No changing attributes.
PRODACC	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-0013	40 CFR Part 63, Subpart FFFF	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PRODACCHE	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63FFFF-0007	40 CFR Part 63, Subpart FFFF	No changing attributes.
PROET	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-0013	40 CFR Part 63, Subpart FFFF	No changing attributes.
PROETHE	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63FFFF-0007	40 CFR Part 63, Subpart FFFF	No changing attributes.
SD020T111	STORAGE TANKS/VESSELS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
SD020T118	STORAGE TANKS/VESSELS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
SD051T190	STORAGE TANKS/VESSELS	N/A	63FFFF-0004	40 CFR Part 63, Subpart FFFF	No changing attributes.
SD102T196	STORAGE TANKS/VESSELS	N/A	63FFFF-0004	40 CFR Part 63, Subpart FFFF	No changing attributes.
SD102T197	STORAGE TANKS/VESSELS	N/A	63FFFF-0004	40 CFR Part 63, Subpart FFFF	No changing attributes.
SD106FGL	FUGITIVE EMISSION UNITS	N/A	63FFFF-0002	40 CFR Part 63, Subpart FFFF	No changing attributes.



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EB041D10	EP	63FFFF-0001	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EB041D12	EP	63FFFF-0001	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EB041D80	EP	63FFFF-0001	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(a)-Table 1.1.a.ii § 63.11(b) § 63.2450(b) § 63.2455(a) § 63.2455(b) § 63.2455(b)(1) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) § 63.987(b)(3) [G]§ 63.997(c)(1) § 63.997(c)(3)	For each Group 1 continuous process vent, the owner or operator must reduce emissions of total organic HAP by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) [G]§ 63.987(b)(3)(i) § 63.987(b)(3)(ii) § 63.987(b)(3)(iii) § 63.987(b)(3)(iv) § 63.987(c) § 63.997(a) [G]§ 63.997(c)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(b)(1) § 63.987(c) § 63.998(a)(1) [G]§ 63.998(a)(1)(i) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.987(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
EB108BH200	EP	63FFFF-0002	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EB108BH4	EP	63FFFF-0002	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
EB108BH9	EP	63FFFF-0002	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
EB108FB602	EP	63FFFF-0002	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EB108FB603	EP	63FFFF-0002	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
EB108FG2	EU	63FFFF-0006	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF
EB108H1	EU	63DDDDD-0001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EB108H2	EU	63DDDDD-0001	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD
OL014T122	EU	63FFFF-0004	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.iii § 63.11(b) § 63.2450(b) § 63.2470(a) § 63.2470(d) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you may reduce total organic HAP emissions by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2470(d) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OL014T3121	EU	63FFFF-0004	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.iii § 63.11(b) § 63.2450(b) § 63.2470(a) § 63.2470(d) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you may reduce total organic HAP emissions by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2470(d) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
OL014T3122	EU	63FFFF-0004	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.iii § 63.11(b) § 63.2450(b) § 63.2470(a) § 63.2470(d) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you may reduce total organic HAP emissions by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2470(d) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OL041FG1	EU	61J-0001	Benzene	40 CFR Part 61, Subpart J	§ 61.112(a) § 61.112(b) § 63.2535(k)	Each owner or operator subject to this subpart shall comply with the requirements of 40 CFR 61, Subpart V - National Emission Standard for Equipment Leaks (Fugitive Emission Sources).	None	None	None
OL041FG1	EU	63FFFF-0006	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PRODACC	PRO	63FFFF-0013	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2515(a) § 63.2515(b)(1) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(c) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) [G]§ 63.2520(e)(5)(iii) § 63.2520(e)(6) § 63.2520(e)(7) § 63.2520(e)(9)
PRODACCHE	EU	63FFFF-0007	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2490(a)-Table10 § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.2490(a) § 63.2490(b) § 63.2490(c)	For each heat exchange system, as defined in §63.101, comply with the requirements of §63.104 and the requirements referenced therein except as specified in §63.2490.	[G]§ 63.104(b)	[G]§ 63.104(e)(2) [G]§ 63.104(f)(1)	[G]§ 63.104(f)(2)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PROET	PRO	63FFFF-0013	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2515(a) § 63.2515(b)(1) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(c) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) [G]§ 63.2520(e)(5)(iii) § 63.2520(e)(6) § 63.2520(e)(7) § 63.2520(e)(9)
PROETHE	EU	63FFFF-0007	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2490(a)-Table10 § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.2490(a) § 63.2490(b) § 63.2490(c)	For each heat exchange system, as defined in §63.101, comply with the requirements of §63.104 and the requirements referenced therein except as specified in §63.2490.	[G]§ 63.104(b)	[G]§ 63.104(e)(2) [G]§ 63.104(f)(1)	[G]§ 63.104(f)(2)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
SD020T111	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	[G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
SD020T118	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.i § 63.1062(a) § 63.1062(a)(1) § 63.1063(a)(1)(i) § 63.1063(a)(1)(i)(C) § 63.1063(a)(2)(i) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) § 63.1063(e)(1) § 63.1063(e)(2) § 63.2470(a)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you must comply with the requirements of Subpart WW of this part, except as specified in §63.2470.	§ 63.1063(c)(1) [G]§ 63.1063(c)(1)(i) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	[G]§ 63.1066(a) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4) § 63.2450(q)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
SD051T190	EU	63FFFF-0004	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.iii § 63.11(b) § 63.2450(b) § 63.2470(a) § 63.2470(d) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you may reduce total organic HAP emissions by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2470(d) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
SD102T196	EU	63FFFF-0004	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.iii § 63.11(b) § 63.2450(b) § 63.2470(a) § 63.2470(d) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you may reduce total organic HAP emissions by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2470(d) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
SD102T197	EU	63FFFF-0004	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2470(a)-Table 4.1.b.iii § 63.11(b) § 63.2450(b) § 63.2470(a) § 63.2470(d) § 63.982(b) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.997(b)(1) § 63.997(c)(3)	For each Group 1 storage tank for which the maximum true vapor pressure of total HAP at the storage temperature is < 76.6 kilopascals, you may reduce total organic HAP emissions by venting emissions through a closed vent system to a flare.	[G]§ 63.115(d)(2)(v) § 63.115(d)(3)(iii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(b)(1) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(b) § 63.997(b)(1) § 63.997(c)(2) § 63.997(c)(3) § 63.997(c)(3)(i) § 63.997(c)(3)(ii)	§ 63.2450(f)(2) § 63.2450(f)(2)(i) § 63.2450(f)(2)(ii) § 63.2470(c)(1) § 63.983(b) [G]§ 63.983(d)(2) § 63.987(c) § 63.998(a)(1)(ii) § 63.998(a)(1)(iii)(A) § 63.998(a)(1)(iii)(B) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) [G]§ 63.998(d)(1) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(f)(2)(ii) § 63.2450(q) § 63.2470(d) § 63.997(b)(1) § 63.997(c)(3) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
SD106FGL	EU	63FFFF-0002	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF

**Permit Shield**

**Permit Shield ..... 30**

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EB031D502	N/A	40 CFR Part 60, Subpart NNN	Process does not produce any chemicals listed in §60.667.
EB031R301	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB031R301	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB031R302	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB031R302	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB031R303	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB031R303	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB041D10	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any chemical listed in 60.667.
EB041D12	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any chemical listed in 60.667.
EB041D80	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any chemical listed in 60.667.
EB041MWW	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPI.
EB041MWW	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB041R3	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB041R3	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB041R36	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB041R36	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB041R46	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB041R46	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB041R47	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB041R47	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB041R48	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EB041R48	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB041R49	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB041R49	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB041R59	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB041R59	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB041R60	N/A	40 CFR Part 60, Subpart III	Unit does not use an air oxidation process and is therefore not an affected facility.
EB041R60	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in §60.707.
EB041R61	N/A	40 CFR Part 60, Subpart III	Unit does not use an air oxidation process and is therefore not an affected facility.
EB041R61	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in §60.707.
EB041R80	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB041R80	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB041R80	N/A	40 CFR Part 63, Subpart FFFF	Not a process vent, vent stream goes to a fuel gas system.
EB041T33	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EB041T33	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB041T33	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB041T33	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB041T33	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB041T35	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EB041T35	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB041T35	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB041T35	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EB041T35	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB041T45	N/A	40 CFR Part 60, Subpart K	Capacity is less than 40,000 gallons.
EB041T45	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB041T45	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB041T45	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB041T45	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB041T80	N/A	40 CFR Part 60, Subpart Kb	Capacity of tank is less than 75 m3.
EB041T80	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB041T80	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB041T80	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB041T80	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB041T83	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
EB041T83	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB041T83	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB041T83	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB041T83	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB041T85	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
EB041T85	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB041T85	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB041T85	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB041T85	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EB041TNAL	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
EB041TNAL	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB041TNAL	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB041TNAL	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB041TNAL	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB041VT1	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB041VT1	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB106T51	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
EB106T51	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB106T51	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB106T51	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB106T51	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB106T52	N/A	40 CFR Part 60, Subpart K	Capacity is less than 40,000 gallons.
EB106T52	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB106T52	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB106T52	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB106T52	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB106T53	N/A	40 CFR Part 60, Subpart K	Capacity is less than 40,000 gallons
EB106T53	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB106T53	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB106T53	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EB106T53	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB106T54	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
EB106T54	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB106T54	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB106T54	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
EB106T54	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB106T55	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
EB106T55	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB106T55	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB106T55	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
EB106T55	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB106T56	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is greater than or equal to 151 m3 and stores liquid with a maximum true vapor pressure less than 3.5 kilopascals.
EB106T56	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB106T56	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB106T56	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
EB106T56	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108D201	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any chemical listed in 60.667.
EB108D221	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any chemical listed in 60.667.
EB108D501	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any chemical listed in 60.667.
EB108D521	N/A	40 CFR Part 60, Subpart NNN	Process unit does not produce any chemical listed in 60.667.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EB108D601	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
EB108D601	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108D601	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108D601	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but does not meet the definition of a storage tank per 63.6550 since the unit does not contain organic HAP.
EB108D601	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108D601	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108FG2	N/A	40 CFR Part 60, Subpart VV	Process unit does not produce a chemical listed on 60.489
EB108FG2	N/A	40 CFR Part 61, Subpart J	Unit does not have sources in benzene service.
EB108FG2	N/A	40 CFR Part 61, Subpart V	Unit does not have sources in VHAP service
EB108FG2	N/A	40 CFR Part 63, Subpart H	Not part of a HON CMPU
EB108LT	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108LT	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108MWW	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108MWW	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108R100	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB108R100	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB108R101	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB108R101	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB108R102	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB108R102	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EB108R401	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB108R401	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB108R402	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB108R402	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB108R403	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB108R403	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB108R99	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
EB108R99	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in 60.707.
EB108T100	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
EB108T100	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108T100	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108T100	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108T100	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108T101	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
EB108T101	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108T101	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108T101	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108T101	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108T104	N/A	40 CFR Part 63, Subpart FFFF	Not a process vent; unit vents to a fuel gas system.
EB108T201	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EB108T201	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.

### Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EB108T201	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108T201	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108T201	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108T209	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 m3.
EB108T209	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108T209	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108T209	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108T209	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108T251	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EB108T251	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108T251	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108T251	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108T251	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108T255	N/A	40 CFR Part 60, Subpart Ka	Unit does not store petroleum liquid.
EB108T255	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108T255	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108T255	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108T255	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108T257	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
EB108T257	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108T257	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EB108T257	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108T257	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108T259	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
EB108T259	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108T259	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108T259	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108T259	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108T401	N/A	40 CFR Part 63, Subpart FFFF	Not a process vent; unit vents to a fuel gas system.
EB108T508	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
EB108T508	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108T508	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108T508	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108T508	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108T521	N/A	40 CFR Part 63, Subpart FFFF	Not a process vent; unit vents to a fuel gas system.
EB108T701	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is greater than or equal to 151 m3 and stores liquid with a maximum true vapor pressure less than 3.5 kilopascals.
EB108T701	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108T701	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108T701	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
EB108T701	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EB108T702	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is greater than or equal to 151 m3 and stores liquid with a maximum true vapor pressure less than 3.5 kilopascals.
EB108T702	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108T702	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108T702	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
EB108T702	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108T703	N/A	40 CFR Part 60, Subpart Kb	Storage vessel capacity is greater than or equal to 151 m3 and stores liquid with a maximum true vapor pressure less than 3.5 kilopascals.
EB108T703	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EB108T703	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EB108T703	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
EB108T703	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108VT1	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
EB108VT1	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EB108WW1	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
EB108WW1	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OL014T122	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
OL014T122	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OL014T122	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OL014T122	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
OL014T122	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OL014T3121	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
OL014T3121	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OL014T3121	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OL014T3121	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
OL014T3121	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OL014T3122	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
OL014T3122	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OL014T3122	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OL014T3122	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
OL014T3122	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OL041FG1	N/A	40 CFR Part 60, Subpart VV	Process unit does not produce any chemical listed in 60.489
OL041FG1	N/A	40 CFR Part 63, Subpart H	Not part of a HON CPMU
PRODACC	N/A	40 CFR Part 63, Subpart F	Chemical manufacturing process unit does not meet all the criteria specified in paragraphs (b)(1), (b)(2), and (b)(3) of this section.
PRODACC	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
PROET	N/A	40 CFR Part 60, Subpart DDD	Unit does not manufacture polypropylene, polyethylene, polystyrene, or polyethylene terephthalate.
PROET	N/A	40 CFR Part 63, Subpart F	Chemical manufacturing process unit does not meet all the criteria specified in paragraphs (b)(1), (b)(2), and (b)(3) of this section.
PROET	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD051T106	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
SD051T106	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
SD051T106	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD051T106	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
SD051T106	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD051T107	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
SD051T107	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD051T107	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD051T107	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
SD051T107	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD051T190	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
SD051T190	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD051T190	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD051T190	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
SD051T190	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD102T196	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
SD102T196	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD102T196	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD102T196	N/A	40 CFR Part 63, Subpart G	Not part of an affected CPMU.
SD102T196	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD102T197	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
SD102T197	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD102T197	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
SD102T197	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
SD102T197	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD103T192	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
SD103T192	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD103T192	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD103T192	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
SD103T192	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).

**New Source Review Authorization References**

<b>New Source Review Authorization References .....</b>	<b>44</b>
<b>New Source Review Authorization References by Emission Unit .....</b>	<b>45</b>

### New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

<b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.</b>	
Authorization No.: 9552	Issuance Date: 10/03/2012
Authorization No.: 48655	Issuance Date: 08/28/2019
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.418	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.475	Version No./Date: 09/04/2000

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
EB031D502	DISTILLATION COLUMN D-502	9552
EB031R301	REACTOR R-301	9552
EB031R302	REACTOR R-302	9552
EB031R303	REACTOR R-303	9552
EB041D10	DISTILLATION COLUMN D-10	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041D12	DISTILLATION COLUMN D-12	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041D80	DISTILLATION COLUMN D-80	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041MWW	DAC-C MAINTENANCE WASTEWATER	48655
EB041R3	REACTOR R-3	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041R36	REACTOR R-36	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041R46	REACTOR R-46	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041R47	REACTOR R-47	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041R48	REACTOR R-48	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041R49	REACTOR R-49	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041R59	REACTOR R-59	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041R60	REACTOR R-60	106.261/11/01/2003, 106.262/11/01/2003
EB041R61	REACTOR R-61	106.261/11/01/2003, 106.262/11/01/2003
EB041R80	REACTOR R-80	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041T33	PROCESS TANK T-33	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041T35	SURGE CONTROL VESSEL T-35	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041T45	PROCESS TANK T-45	48655, 106.261/11/01/2003, 106.262/11/01/2003

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
EB041T80	PROCESS VESSEL T-80	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041T83	STORAGE TANK T-83	48655
EB041T85	PROCESS TANK T-85	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041TNAL	NALCO ADDITIVE STORAGE TANK	48655, 106.261/11/01/2003, 106.262/11/01/2003
EB041VT1	DAC-C TRUCK WASTE LOADING	48655
EB106T51	STORAGE TANK HT-51	9552, 106.261/11/01/2003, 106.262/11/01/2003
EB106T52	STORAGE TANK HT-52	9552, 106.262/11/01/2003
EB106T53	STORAGE TANK HT-53	9552, 106.261/11/01/2003
EB106T54	STORAGE TANK HT-54	9552, 106.262/11/01/2003
EB106T55	STORAGE TANK HT-55	9552, 106.262/11/01/2003
EB106T56	STORAGE TANK HT-56	9552, 106.261/11/01/2003
EB108BH200	RESIN BAGGER VENT	9552
EB108BH4	RESIN BAGGER VENT	9552
EB108BH9	RESIN BAGGER VENT	9552
EB108D201	DISTILLATION COLUMN D-201	9552
EB108D221	DISTILLATION COLUMN D-221	9552
EB108D501	DISTILLATION COLUMN D-501	9552
EB108D521	DISTILLATION COLUMN D-521	9552
EB108D601	STORAGE TANK HD-601	9552, 106.262/11/01/2003
EB108FB602	RESIN FLAKER BELT FB-602	9552, 106.261/11/01/2003
EB108FB603	RESIN FLAKER BELT FB-603	9552, 106.261/11/01/2003



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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
EB108FG2	EASTOTAC PLANT EQUIPMENT LEAKS	9552, 106.261/11/01/2003, 106.262/11/01/2003
EB108H1	PROCESS HEATER HH-1	9552, 106.183/09/04/2000
EB108H2	PROCESS HEATER HH-2	9552, 106.183/09/04/2000
EB108LT	MOLTEN RESIN TRUCK LOADING	9552, 106.261/11/01/2003
EB108MWW	EASTOTAC MAINT. WASTEWATER	9552
EB108R100	REACTOR R-100	9552
EB108R101	REACTOR R-101	9552
EB108R102	REACTOR R-102	9552
EB108R401	REACTOR R-401	9552
EB108R402	REACTOR R-402	9552
EB108R403	REACTOR R-403	9552
EB108R99	REACTOR R-99	9552
EB108T100	PROCESS TANK HT-100	9552, 106.262/11/01/2003
EB108T101	PROCESS TANK HT-101	9552, 106.262/11/01/2003
EB108T104	PROCESS TANK HT-104	9552
EB108T201	STORAGE TANK HT-201	9552
EB108T209	STORAGE TANK T-209	9552
EB108T251	PROCESS TANK HT-251	9552
EB108T255	WASTE TANK HT-255	9552, 106.261/11/01/2003, 106.262/11/01/2003
EB108T257	PROCESS TANK HT-257	9552
EB108T259	PROCESS TANK HT-259	9552, 106.261/11/01/2003, 106.262/11/01/2003

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
EB108T401	PROCESS TANK HT-401	9552
EB108T508	PROCESS TANK HT-508	9552
EB108T521	PROCESS TANK HT-521	9552, 106.261/11/01/2003, 106.262/11/01/2003
EB108T701	MOLTEN STORAGE TANK HT-701	9552, 106.261/11/01/2003, 106.262/11/01/2003
EB108T702	MOLTEN STORAGE TANK HT-702	9552, 106.261/11/01/2003, 106.262/11/01/2003
EB108T703	MOLTEN STORAGE TANK HT-703	9552, 106.261/11/01/2003, 106.262/11/01/2003
EB108VT1	EASTOTAC TRUCK WASTE LOADING	9552
EB108WW1	EASTOTAC PROCESS WASTEWATER	9552
OL014T122	STORAGE TANK 44T-122	48655, 106.261/11/01/2003, 106.262/11/01/2003
OL014T3121	STORAGE TANK 44-3T-121	48655, 106.261/11/01/2003, 106.262/11/01/2003
OL014T3122	STORAGE TANK 44-3T-122	48655, 106.261/11/01/2003, 106.262/11/01/2003
OL041FG1	DAC-C PLANT EQUIPMENT LEAKS	48655, 106.261/11/01/2003, 106.262/11/01/2003
PRODACC	DAC-C PROCESS	48655
PRODACCHE	DAC-C PROCESS HEAT EXCHANGE SYSTEMS	48655
PROET	EASTOTAC PROCESS	9552
PROETHE	EASTOTAC PROCESS HEAT EXCHANGE SYSTEMS	9552
SD020T111	STORAGE TANK 40T-111	48655, 106.261/11/01/2003, 106.262/11/01/2003
SD020T118	STORAGE TANK 40T-118	48655, 106.261/11/01/2003, 106.262/11/01/2003
SD051T106	STORAGE TANK 44TK-106	48655, 106.261/11/01/2003, 106.262/11/01/2003
SD051T107	STORAGE TANK 44TK-107	48655, 106.261/11/01/2003, 106.262/11/01/2003
SD051T190	STORAGE TANK 44T-190	48655, 106.261/11/01/2003, 106.262/11/01/2003

### **New Source Review Authorization References by Emissions Unit**

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<b>Unit/Group/Process ID No.</b>	<b>Emission Unit Name/Description</b>	<b>New Source Review Authorization</b>
SD102T196	STORAGE TANK 54-3T-196	48655, 106.261/11/01/2003, 106.262/11/01/2003
SD102T197	STORAGE TANK 54-3T-197	48655, 106.261/11/01/2003, 106.262/11/01/2003
SD103T192	STORAGE TANK 54-3T-192	48655, 106.261/11/01/2003, 106.262/11/01/2003
SD106FGL	B-66 LOADING EQUIPMENT LEAKS	9552

**Appendix A**

**Acronym List ..... 51**

## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H <sub>2</sub> S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO <sub>x</sub>	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO <sub>2</sub>	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound